

## Dimplex Product

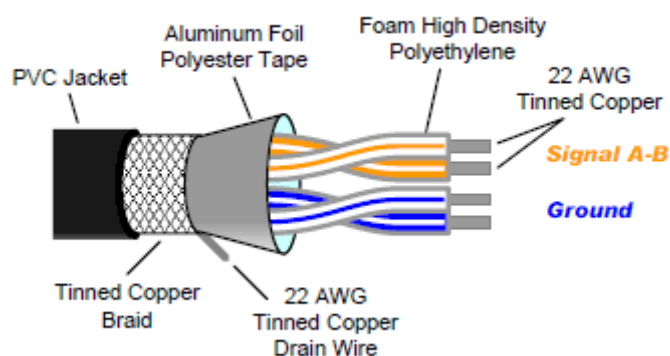
Item code	Model No.	Description	List Price
050588	ACCB100	RS-485 MODBUS cable 100m	£200.00

## A class control cable

The various modules within the system communicate to each other via a communication cable over a MODBUS network. The specification of this cable is essential to ensure that the electrical signals are successfully sent and aren't subject to electrical interference. If the incorrect cable specification is used the product won't be covered under warranty.

## Cable specification summary

- Low capacitance computer cable for RS-485 and Field bus applications
- 2 pairs (4 cores, 1 x signal A, 1 x signal B, 1x 12V+ and Ground) with Polyethylene insulation
- Outer shield of aluminium foil – polyester tape
- Braid of tinned copper with tinned copper drain wire
- PVC out jacket with wall thickness of 0.035 inch.
- Impedance of 120 Ohm per mile or 78 Ohm per km



## Cables meeting the specification

The Belden 9842 cable meets this specification. The full specification of the cable is available here:

[www.belden.com/techdatas/english/9842.pdf](http://www.belden.com/techdatas/english/9842.pdf)